

CEMENT JOB REPORT



CUSTOMER LCX Energy LLC			DATE 14-AUG-06		F.R. # 465610056		SERV. SUPV. SHANE D WHITE			
LEASE & WELL NAME 1921 STATE COM#21 - API 30015349800000			LOCATION			COUNTY-PARISH-BLOCK Eddy New Mexico				
DISTRICT Artesia			DRILLING CONTRACTOR RIG # BIG DOG 9			TYPE OF JOB Plug Back				

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ										
C NEAT				650	14.8	1.32	6.32		153	97.93
H+12%A10+10#LCM1+1%CALC2+1/4#CELLOFLAKE				180	14.6	1.52	6.16		49	26.55
Available Mix Water 550 Bbl. Available Displ. Fluid 550 Bbl.				TOTAL					202	124.48

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
17.5		432	1.05	1.5	TBG	150	N-80			

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
				NO PACKER	0	0	0	1	8RND	FRESH WATER	8.34

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
1	BBLS			132			15070	12056			rig				

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: none

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES	1000 PSI
19:00						CIRCULATING WELL - RIG ☒ BJ ☐	
20:00	546	0	2	1	H2O	TAGGED @155	
20:01	546	0	2	6	CMT	SPACER	
20:11	546	0	2	1	H2O	25SACK PLUG @14.8 0 GAIN	
23:30	550	0	2	1	H2O	SPACER BEHIND	
23:31	550	0	2	6	CMT	SPACER	
23:41	550	0	2	1	H2O	25SACK PLUG @14.8 0 GAIN	
02:20	550	0	2	1	H2O	SPACER BEHIND	
02:21	550	0	2	6	CMT	SPACER	
02:31	550	0	2	1	H2O	25SACK PLUG @14.8 0 GAIN	
04:20	550	0	2	1	H2O	SPACER BEHIND	
04:21	550	0	2	12	CMT	SPACER	
04:31	550	0	2	1	H2O	50 SACK PLUG @14.8 0 GAIN	
06:50	550	0	2	1	H2O	SPACER BEHIND	
06:51	550	0	2	12	CMT	SPACER	
07:01	550	0	2	1	H2O	50 SACK PLUG @14.8 0 GAIN	
10:20	550	0	2	1	H2O	SPACER BEHIND	
10:21	550	0	2	12	CMT	SPACER	
10:31	550	0	2	1	H2O	50 SACK PLUG @14.8 0 GAIN	
13:55	550	0	2	1	H2O	SPACER BEHIND	
13:56	550	0	2	6	CMT	SPACER	
14:06	550	0	2	1	H2O	25SACK PLUG @14.8 0 GAIN	
16:17	550	0	2	1	H2O	SPACER BEHIND	
16:18	550	0	2	6	CMT	SPACER	
16:28	550	0	2	1	H2O	25SACK PLUG @14.8 0 GAIN	
18:49	550	0	2	1	H2O	SPACER BEHIND	

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PRESSURE/RATE DETAIL					EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐
	PIPE	ANNULUS				TEST LINES 1000 PSI CIRCULATING WELL - RIG ☒ BJ ☐
18:50	550	0	2	9	CMT	60 SACKS THIKSOTROPIC@14.6 0 GAIN
19:00	550	0	2	1	H2O	SPACER BEHIND
22:20	550	0	2	1	H2O	SPACER
22:21	550	0	2	6	CMT	25SACK PLUG @14.8 5FT GAIN
22:31	550	0	2	1	H2O	SPACER BEHIND
01:40	550	0	2	1	H2O	SPACER
01:41	550	0	2	6	CMT	25SACK PLUG @14.8 1FT GAIN
01:51	550	0	2	1	H2O	SPACER BEHIND
05:15	550	0	2	1	H2O	SPACER
05:16	550	0	2	6	CMT	25SACK PLUG @14.8 8FT GAIN
05:26	550	0	2	1	H2O	SPACER BEHIND
08:30	550	0	2	1	H2O	SPACER
08:31	550	0	2	6	CMT	25SACK PLUG @14.8 15FT GAIN
08:41	550	0	2	1	H2O	SPACER BEHIND
11:45	550	0	2	1	H2O	SPACER
11:46	550	0	2	6	CMT	25SACK PLUG @14.8 18FT GAIN
11:56	550	0	2	1	H2O	SPACER BEHIND
15:00	550	0	2	1	H2O	SPACER
15:01	550	0	2	6	CMT	25SACK PLUG @14.8 20FT GAIN
15:11	550	0	2	1	H2O	SPACER BEHIND
18:20	550	0	2	1	H2O	SPACER
18:21	550	0	2	6	CMT	25SACK PLUG @14.8 6FT GAIN
18:31	550	0	2	1	H2O	SPACER BEHIND
21:40	450	0	2	1	H2O	SPACER
21:41	450	0	2	6	CMT	25SACK PLUG @14.8 1FT GAIN
21:51	450	0	2	1	H2O	SPACER BEHIND
01:00	680	0	2.5	1	H2O	H2O
01:01	680	0	2.5	11	CMT	40 SACK@14.6 THIKSETTROPIC 4FT GAIN
01:12	680	0	2.5	1	H2O	SPACER BEHIND
04:30	670	0	2	1	H2O	SPACER
04:31	670	0	2	11	CMT	40 SAC@14.6 THIXSETROPIC 3FTGAIN
04:41	670	0	2	2	H2O	SPACER BEHIND
08:15	670	0	2	1	H2O	SPACER
08:16	670	0	2	7	CMT	30 SACK@14.8 3FT GAIN
08:26	670	0	2	1	H2O	SPACER BEHIND
11:30	680	0	2	1	H2O	SPACER
11:31	680	0	2	7	CMT	30SACK@14.8 1FT GAIN
11:41	680	0	2	1	H2O	SPACER BEHIND
14:45	680	0	2	1	H2O	SPACER
14:46	680	0	2	11	CMT	40 SACK@14.6 THIXSETROPIC 11FT GAIN
14:56	680	0	2	1	H2O	SPACER BEHIND
18:00	650	0	2	1	H2O	SPACER
18:01	650	0	2	7	CMT	30SACK@14.8 4FT GAIN
18:11	650	0	2	1	H2O	SPACER BEHIND
21:30	650	0	2	1	H2O	SPACER
21:31	650	0	2	7	CMT	30SACK@14.8 TOPPED OUT
21:41	650	0	2	1	H2O	SPACER BEHIND

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PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES	1000 PSI
						CIRCULATING WELL	RIG ☒ BJ ☐
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y ☐ N ☒		Y ☐ N ☒		191	0	Y ☐ N ☒	

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